PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF A EXISTING TRAFFIC SIGNAL AT US 29 AND DETOUR ROAD IN MONTGOMERY COUNTY. US 29 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A SIX PHASE FULL TRAFFIC-ACTUATED MODE WITH THE US 29 APPROACHES RUNNING CONCURRENTLY AND DETOUR ROAD APPROACHES OPERATING AS A SPLIT PHASE. EXCLUSIVE LEFT TURN PHASING WILL BE PROVIDED FOR THE US 29 APPROACHES.

SPECIAL NOTES

I. THE FOLLOWING CONTACT PEOPLE FOR THIS PROJECT ARE AS FOLLOWS: MR. LEE STARKLOFF, ASSISTANT DISTRICT ENGINEER-TRAFFIC PHONE: (301) 513-7300 PHONE: (301) 513-7300
MR. DENNIS McMAHAN, ASSISTANT DISTRICT ENGINEER-CONSTRUCTION
PHONE: (301) 513-7336
MR. RALEIGH MEDLEY, ASSISTANT DISTRICT ENGINEER-MAINTENANCE
PHONE: (301) 513-7300
MR. AUGIE REBISH, ASSISTANT DISTRICT ENGINEER-UTILITY
PHONE: (301) 513-7300
MR. RICHARD L. DAFF, Sr., CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. BOBBY GONZALES, TRAFFIC ENGINEER MCDPWT
PHONE: (240) 777-8761
MR. MIKF KINNEY, MCDPWT (FOR SURVEILLANCE CAMERA) MR. MIKE KINNEY, MCDPWT (FOR SURVEILLANCE CAMERA) PHONE: (240) 777~8760

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE STANDARD PLATES FOR TRAFFIC CONTROL:

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

NONE

CATEGORY CODE NO.

DESCRIPTION

UNITS QUANTITY

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY DESCRIPTION QUANTITY CODE NO. 250 LF 24" HEAT APPL, WHT, PERM, PREF, THER, PVT, MARK. 585624 800000 REMOVE AND DISPOSE EXISTING EQUIPMENT LS

C. MATERIALS TO BE REMOVED BY MCDPW&T AND RETURNED TO SHA.

CATEGORY DESCRIPTION UNITS QUANTITY CODE NO. 816001 VIDEO DETECTION CAMERA

WIRING DIAGRAM

NO CHANGE TO WIRING

PHASE CHART

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
₩ ₩ ₩	R Y G	₹ -	R Y G	R Y G	(R) (Y) (G)	R Y G	(R)	(*) (*) (*)	(R) (Y) (G)	(R) (Y) (G)	RYG	R Y G	R Y G		

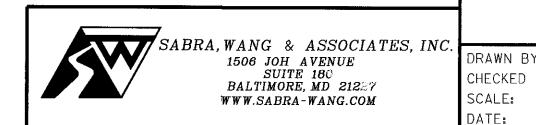
PHASE 1+6	← G-	← G—	◆ G	G	G	◆ R—	R	◆ R	R	R	R	R	R	R	DW	DW	1 1
1+6 CHANGE	← Y—	← Y—	← Y—	G	G	← R	R	◆ R	R	R	R	R	R	R	DW	DW	
PHASE 2+6	◆R—	← R—	◆R-	G	G	◆R	G	◆ R—	R	G	G	R	R	R	DW	DW	1
2+6 CHANGE	← R—	◆R—	◆ R—	Υ	Υ	← R—	G	∢ -R—	R	G	G	R	R	R	DW	DW	
PHASE 2+5	← R—	◆R	← R—	R	R	← G—	G	◆ G—	G	G	G	R	R	R	DW	DW	
2+5 CHANGE	◆R—	← R—	◆R—	R	R	← Y—	Υ	◆ Y—	Υ	Υ	Υ	R	R	R	DW	DW	
PHASE 3	← R—	← R—	← R—	R	R	← R—	R	◆R	R	R	R	← G—	◆G	G	DW	DW	
3 CHANGE	← R—	← R	← R—	R	R	← R—	R	◆R	R	R	R	Υ	Υ	Υ	DW	DW	ļ. v
PHASE 3 ALT	← R—	◆R—	← R—	R	R	← R—	R	◆ R	R	R	R	← G—	∢ G—	G	WALK	WALK	0
PED CLEAR	← R—	← R—	◆ R—	R	R	← R	R	◆ R	R	R	R	← G—	← G	G	FL/DW	FL/DW	
3 ALT CHANGE	◆ R	◆ R—	← R—	R	R	← R—	R	← R—	R	R	R	Υ	Υ	Υ	DW	DW	
FLASHING OPERATION	▼FL⁄R-	◆FL⁄R-	•FL∕ R -	FL/Y	FL/Y	•FL⁄R-	FLY	 FL∕R	◆FL⁄R-	FL⁄Y	FL⁄Y	FL⁄R	FL⁄R	FL⁄R	DARK	DARK	

PHASE 4

SHEET NO.

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION

DETOUR ROAD AT US 29



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Y:	M. RAFFLE	F.A.P. NO.		TS NO.
BY:		S.H.A. NO.	M08365170	185 G
	NTS	COUNTY:	MONTGOMERY	T.I.M.S. NO.
	APRIL, 2002	LOG MILE:		_F142